

Residential ESS

HYLV-100-C



Safety and Reliability

Using LFP cells and intelligent BMS monitoring and management



Various Mounting Methods

Wall-mounted or floor-standing installations



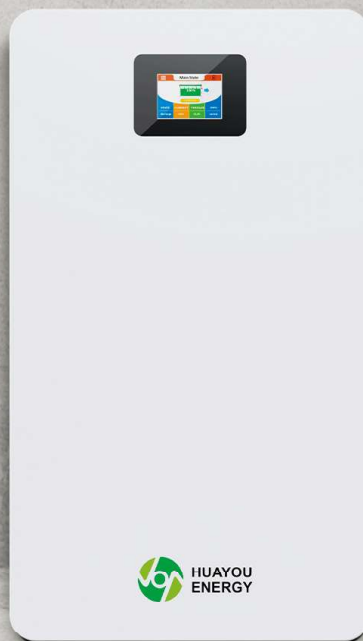
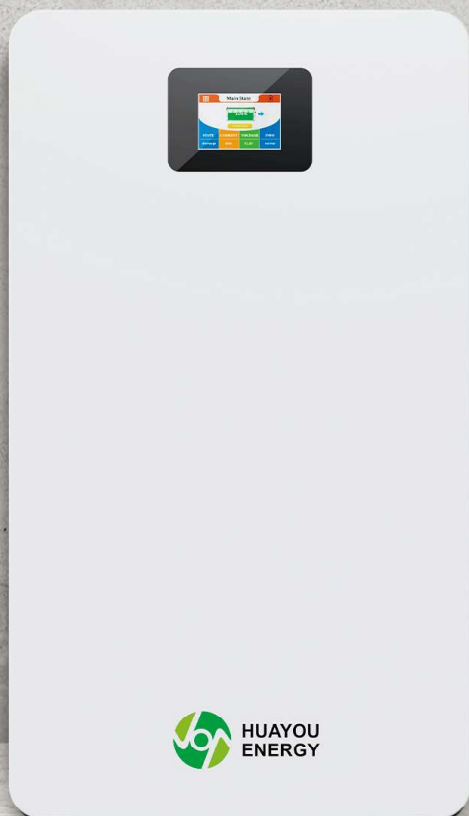
High Adaptability

Mainstream inverter brand adaptations



Optimal Electricity Cost

Long cycle life and superior performance



DATASHEET

MODULE: HYL V-100-C

Nominal Capacity(kWh)	5.12	10.24
Dimension (W*D*H mm)	400*150*700	540*150*950
Net Weight (kg)	53±2	95±2

GENERAL

Battery Type	LiFePO4 Cell	
Nominal Voltage(V)	51.2	
Operating Voltage(V)	44.8-58.4	
Nominal Capacity(Ah)	100	200
Depth of Discharge	90%	
Max.Charge/Discharge Current(A)	100	
Operating Temperature	Charge: 0-50℃ ; Discharge: -10-50℃	
Storage Temperature	-20-55℃	
Communication	RS485/CAN/RS223	
Humidity	10%-85%(no condensing)	
Altitude	≤ 2000m	
Cycle Life	≥6000, 25℃	
Protection Level	IP65	
Warranty	10 years	

CERTIFICATION

Safety(CB)	IEC 62619:2022
EMC(CE)	EN IEC61000-6-1:2019; EN IEC61000-6-1:2021
Transportation	UN38.3, MSDS

